

8/19/2007

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/502,470
	Filing Date	07/23/2004
	First Named Inventor	Aylwin Ng
	Art Unit	1614
	Examiner Name	Yao, Lei
Sheet 1 of 1	Attorney Docket Number	007193-05

U.S. Patent Documents

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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/L.Y./	1	Tang KF et al., (2001) 'A distinct expression of CC chemokines by macrophages in nasopharyngeal carcinoma: implication for the intense tumor infiltration by T lymphocytes and macrophages' <i>Hum Pathol</i> 32: 42-49	
/L.Y./	2	Tilghman SM (1999) 'The sins of the fathers and mothers: genomic imprinting in mammalian development' <i>Cell</i> 96: 185-193.	
/L.Y./	3	Zhang Y. et al., (1993) 'Imprinting of human: Allele-specific CpG methylation, loss of the active allele in Wilms tumor, and potential for somatic allele switching' <i>Ann J Hum Gent</i> 53: 113-124	
/L.Y./	4	Zong YS, et al., (1992) 'Immunoglobulin A against viral capsid antigen of Epstein-Barr virus and indirect mirror examination of the nasopharynx in the detection of asymptomatic nasopharyngeal carcinoma' <i>Cancer</i> 69: 3-7	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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/L.Y./	1	Ambinder, R. F. et al., "Epstein-Barr virus as a therapeutic target in Hodgkin's disease and nasopharyngeal carcinoma," SEMINARS IN CANCER BIOLOGY, US, Aug 1996, Vol. 7, no. 4, pp. 217-226.	
	2	Blik J, Maas Saskia, Ruijter JM, Hennekam RCM, Alders M, Westerveld A and Mannens MAM (2001) Increased tumour risk for BWS patients correlates with aberrant and not methylation: occurrence of methylation: occurrence of KCNQ10T1 hypomethylation in familial cases of BWS. <i>Hum Mol Genet</i> 10: 467-476	
	3	Brannan CI, et al. (1990) The product of the gene may function as an RNA. <i>Mol & Cell Biol</i> 10(1): 28-36	
	4	Brunkow ME and Tilghman SM (1991) Ectopic expression of the gene in mice causes prenatal lethality. <i>Genes Dev</i> 5: 1092-1101	
	5	Busson P, McCoy R, Sadler R, Gilligan K, Tursz T and Raab-Traub N (1992) Consistent transcription of the Epstein-Barr virus LMP2 gene in nasopharyngeal carcinoma. <i>J Virol</i> 66(5): 3257-3262	
↓	6	Casola S, Pedone, PV, Cavazzana AO, Basso G, Luksch R, d'Amore ES, Carli M, Bruni CB, Riccio A (1997) Expression and parental imprinting of the gene in human rhabdomyosarcoma. <i>Oncogene</i> 14: 1503-1510	

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/L.Y./	7	Chen FF, Yan JJ, Lai WW, Jin YT and Su IJ (1998) Epstein- Barr virus-associated nonsmall cell lung carcinoma: as a distinct entity with better prognosis. <i>Cancer</i> 82(12): 2334- 2342	
	8	Chien G, Yuen PW, Kwong D and Kwong YL (2001) Comparative genomic hybridization analysis of nasopharygeal carcinoma: consistent patterns of genetic aberrations and clinicopathological correlations. <i>Cancer Genet. Cytogenet</i> 126: 63-67	
	9	Chow, Lillian S. N. et al., "Effect of p16 ^{INK4a} on chemosensitivity in nasopharyngeal carcinoma cells," <i>International Journal of Oncology</i> , vol. 17, no. 1, July 2000, pp. 135-140.	
	10	Eisen MB, Spellman PT, Brown PO and Botstein D (1998) Cluster analysis and display of genome-wide expression patterns. <i>Proc Natl Acad Sci USA</i> 95: 14863-14868	
	11	Fang Y, Guan X, Guo Y, Sham J, Deng M, Liang Q, Li H, Zhang H, Zhou H and Trent J (2001) Analysis of genetic alterations in primary nasopharyngeal carcinoma by comparative genomic hybridization. <i>Genes Chromosomes Cancer</i> 30: 254-260	
	12	Farrow DC, Vaughan TL, Berwick M, Lynch CF, Swanson GM and Lyon JL (1998) Diet and nasopharyngeal cancer in a low-risk population. <i>Int J Cancer</i> 78: 675-679	
	13	Feil R and Khosla S (1999) Genomic imprinting in mammals: an interplay between chromatin and DNA methylation? <i>Trends Genet</i> 15: 431-435	
	14	Feinberg AP (1999) Imprinting of a genomic domain of and loss of imprinting in cancer: an introduction. <i>Cancer Res</i> 59: 1743-1746	
↓	15	Fioretti F, D, Stoppacciaro A, Ramponi S, Ruco L, Minty A, Sozzani S, Garlanda C, A and Mantovani A (1998) Reduced tumorigenicity and augmented leukocyte infiltration after monocyte chemotactic protein-3 (MCP-3) gene transfer:	

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/L.Y./		perivascular accumulation of dendritic cells in peritumoral tissue and neutrophil recruitment within the tumor. <i>J Immunol</i> 161: 342-346	
	16	Fung, L. F. et al., "Differential gene expression in nasopharyngeal carcinoma cells," LIFE SCIENCES, vol. 67, no. 8, 14 July 2000, pp. 923-936.	
	17	Gray, JW and Collins C (2000) Genome changes and gene expression in human solid tumours. <i>Carcinogenesis</i> 21(3): 443-452	
	18	Hao Y, Crenshaw T, Moulton T, Newcomb E and Tycko B (1993) Tumour-suppressor activity of H19 RNA. <i>Nature</i> 365: 764-767	
	19	Hatada I, Inazawa J, Abe T, Nakayama M, Kaneko Y, Jinno Y, Niikawa N, Ohashi H, Fukushima Y, Iida K, Yutani C, Takahashi S, Chiba Y, Ohishi S and Mukai, T (1996) Genomic imprinting of human p57KIP2 and its reduced expression in Wilms' tumors. <i>Hum Mol. Genet</i> 5(6): 783-788	
	20	Hatada I and Mukai T (1995) Genomic imprinting of p57KIP2, a cyclin-dependent kinase inhibitor, in mouse. <i>Nat Genet</i> 11: 204-206	
	21	Hengstler JG, Pilch H, Schmidt M, Dahlenburg H, Sagemuller J, Schiffer I, Oesch F, Knapstein PG, Kaina B and Tanner B (2001) Metallothionein expression in ovarian cancer in relation to histopathological parameters and molecular markers of prognosis. <i>Int J Cancer</i> 95: 121-127	
	22	Huang DP, Ho JH, Poon YF, Chew EC, Saw D, Lui M, Li CL, Mak LS, Lai SH and Lau (1980) Establishment of a cell line from a differentiated squamous carcinoma of the nasopharynx. <i>Int J Cancer</i> 26: 127-132	
	23	Huang YT, Sheen TS, Chen CL, Lu J, Chang Y, Chen JY and Tsai CH (1999) Profile of cytokine expression in nasopharyngeal carcinomas: a distinct expression of interleukin 1 in tumor and CD4+ T cells. <i>Cancer Res</i> 59: 1599-1605	
✓	24	Jayasurya A, Bay BH, Yap WM and Tan NG (2000) Correlation of metallothionein expression with apoptosis in nasopharyngeal carcinoma. <i>Br J Cancer</i> 82: 1198-1203	

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/L.Y.	25	Joyce JA and Schofield PN (1998) Genomic imprinting and cancer. <i>Mol Pathol</i> 51: 185-190	
	26	Kim DK, Zhang L, Dzau VJ and Pratt RE (1994) a developmentally regulated gene, is reexpressed in rat vascular smooth muscle cells after injury. <i>J Clin Invest</i> 93: 355-360	
	27	Kwong, J. et al., (2002) promoter hypermethylation of multiple genes in nasopharyngeal carcinoma, <i>Clinical Cancer Research</i> 8:131-137.	
	28	Lee AWM, Poon YF, and Foo W (1992) Retrospective analysis of 5037 patients with nasopharyngeal carcinoma treated during 1976-1985. Overall survival and patterns of failure. <i>Int J Radiat Oncol Biol</i> 23(2): 261-270	
	29	Lee J, Gray A, Yuan J, Luoh S-M, Avraham H and Wood WI (1996) Vascular endothelial growth factor-related protein: a ligand and specific activator of the tyrosine kinase receptor Flt4. <i>Proc Natl Acad Sci</i> 93: 1988-1992	
	30	Li E, Beard C and Jaenisch R (1993) Role for DNA methylation in genomic imprinting. <i>Nature</i> 366: 362-365	
	31	Lo, Kwok-Wai et al., "Hypermethylation of the p16 gene in nasopharyngeal carcinoma," <i>Cancer Research</i> , vol. 56, no. 12, 1996, pp. 2721-2725.	
	32	Lo, Kwok-Wai et al, (2001) "High frequency of promoter hypermethylation of RASSF1A in nasopharyngeal carcinoma," <i>Cancer Research</i> , vol. 61 (10): 3877-3881.	
	33	Marks JE, Phillips JL, and Menck HR (1998) The National Cancer Data Base report on the relationship of race and national origin to the histology of nasopharyngeal carcinoma. <i>Cancer</i> 83(3): 582-588.	
↓	34	Matsuoka S, Edwards MC, Bai C, Parker S, Zhang P, Baldini A, Harper JW and Elledge SJ (1995) p57KIP2, a structurally distinct member of the Cdk inhibitor family, is a candidate tumor suppressor gene. <i>Genes Dev</i> 9: 650-662	

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/L.Y./	35	Moulton T, Crenshaw T, Hao Y, Moosikasuwon J, Lin N, Dembitzer F, Hensle T, Weiss L, McMorro L, Loew T, et al. (1994) Epigenetic lesions at the locus in Wilms' tumour patients. <i>Nat Genet</i> 7: 440-447	
	36	Mutirangura A, Pornthanakasem W, Theamboonlers A, Sriuranpong V, Lertsanguansinch PVS, Voravud N, Supiyaphun P, and Poorvorawan Y (1998) Epstein-Barr viral DNA in serum of patients with nasopharyngeal carcinoma. <i>Clin Cancer Res</i> 4: 665-669	
	37	Neel HB 3rd (1985) Nasopharyngeal carcinoma. Clinical presentation, diagnosis, treatment, and prognosis. <i>Otolaryngol Clin North Am</i> 18(3): 479-490	
	38	Neel HB (1986) A prospective evaluation of patients with nasopharyngeal carcinoma: an overview. <i>J Otolaryngol</i> 15(3): 137-144	
	39	Pajusola K, Aprelikova Korhonen J, Kaipainen A, Pertovaara L, Alitalo R and Alitalo K (1992) receptor tyrosine kinase contains seven immunoglobulin-like loops and is expressed in multiple human tissues and cell lines. <i>Cancer Res</i> 52: 5738-5743	
	40	Paulsen M and Ferguson-Smith AC (2001) DNA methylation in genomic imprinting, development, and disease. <i>J Pathol</i> 195: 97-110	
	41	Pfeifer K, Philip AL and Tilghman SM (1996) The structural gene is required for transgene imprinting. <i>Proc Natl Acad Sci</i> 93: 13876-13883	
	42	Shtivelman E (1997) A link between metastasis and resistance to apoptosis of variant small cell lung carcinoma. <i>Oncogene</i> 14: 2167-2173	
	43	Sigel G, Schillinger M, Henninger K and Bauer G (1994) IgA directed against early antigen of Epstein-Barr virus is no specific marker for the diagnosis of nasopharyngeal carcinoma. <i>J Med Virol</i> 43: 222-227	
↓	44	Sizhong Z, Xiukung G and Yi Z (1983) Cytogenetic studies on an epithelial cell +line derived from poorly differentiated nasopharyngeal carcinoma. <i>Int J Cancer</i> 31: 587-590	

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/L.Y./	45	Sleutels F, Barlow DP and R (2000) The uniqueness of the imprinting mechanism. <i>Curr Opin Genet Dev</i> 10: 229-233	
	46	Taniguchi T, Sullivan ML, Ogawa O and Reeve AE (1995) Epigenetic changes encompassing the IGF2/H19 locus associated with relaxation of IGF2 imprinting and silencing of H19 in Wilms tumor. <i>Proc Natl Acad Sci USA</i> 92: 2159-2163	
	47	Thorvaldsen JL, Duran KL and Bartolomei MS (1998) Deletion of the differentially methylated domain results in loss of imprinted expression of and Igf2. <i>Genes Dev</i> 12: 3693-3702	
	48	Tremblay KD, Duran KL and Bartolomei MS (1997) A kilobase-pair region of the imprinted mouse gene exhibits exclusive paternal methylation throughout development. <i>Mol Cell Biol</i> 17(18): 4322-4329	
	49	Wang, G. L. et al, "Inhibiting tumorigenic potential by restoration of p16 in nasopharyngeal carcinoma," <i>British Journal of Cancer</i> , Scotland, Dec. 1999, vol. 81, no. 7, pp. 1122-1126.	
	50	Wang, Lihong, et al., "Relationship between expression of p16 protein and prognosis in carcinoma of nasopharynx," <i>Journal of West China University of Medical Sciences</i> , vol. 30, no. 4, Dec 1999, pp. 394-396.	
	51	Widschwendter, Martin et al., "The potential prognostic, predictive, and therapeutic values of DNA methylation in cancer," <i>Clinical Cancer Research</i> , Jan 2002, vol. 8, no. 1, pp. 17-21.	
	52	Williams, HK (2000) Molecular pathogenesis of oral squamous carcinoma. <i>J. Clin Mol Pathol</i> 53: 165-172	
↓	53	Xiao H, Palhan V, Yang Y and Roeder RG (2000) TIP30 has an intrinsic kinase activity required for up-regulation of a subset of apoptotic genes. <i>EMBO J</i> 19(5): 956-963	

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/L.Y./	54	Xie, Lu et al., "Identification of differentially expressed genes in nasopharyngeal carcinoma by means of the Atlas human cancer cDNA expression array," <i>Journal of Cancer Research and Clinical Oncology</i> , vol. 126, no.7, July 2000, pp. 400-406.	
/L.Y./	55	Zhan S, Shapiro DN and Helman (1994) Activation of an imprinted allele of the insulin-like growth factor II gene implicated in rhabdomyosarcoma. <i>J Clin Invest</i> 94: 445-448	

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